

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : YASKAWA ELECTRIC MFG CO
LTD

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(72)Inventor : KIMURA KAORU
NISHI MASANORI

(54) ADJUSTING DEVICE FOR ORIGINAL POSITION OF INDUSTRIAL ROBOT

(57)Abstract:

PURPOSE: To enable a precise origin adjustment by opposing the reference face of a wrist arm adjusting jig to the adjusting face of the wrist arm side face and the reference face of a tool position adjusting jig to the adjusting face of a tool fitting plate in the respective revolving directions and adjusting the opposed gap to a reference gap value.

CONSTITUTION: Alignment pins 34 fitted to the lower arm reference hole 33 of an origin adjusting jig 30 and upper arm reference hole 32 are respectively inserted into the adjusting holes provided at the specific positions of a lower arm 13 and link 14, the reference face 36 of a wrist arm adjusting jig 35 is opposed to the adjusting face of the wrist arm 16 side face, also the reference faces 38, 39 of a tool position adjusting jig 37 to the adjusting face of the tool fitting arm 17 side face and that provided on a tool fitting plate 18 in the revolving direction respectively and the opposed gap is adjusted to a reference gap value. Consequently a precise origin can be adjusted with the gap adjustment by a gap gage, etc., without bringing the adjusting face into contact with the reference face.

